

GROUP - I

S.NO	NAME	AGE	SEX	IP.NO	DIAGNOSIS	PROCEDURE	ASA RISK	WEIGHT (kg)	ONSET OF SENSORY BLOCKADE (min)	S.NO
1	Chellam	26	M	10808	# Rt. 2nd metacarpa	ORIF with K wire	I	50	12	1
2	Chandra	50	F	9051	# Distal humerus Rt.	ORIF with K wire	II	57	12	2
3	Ravivarma	49	M	11820	Infected implant Rt olecranon	Implant exit	II	50	15	3
4	Nagaraj	25	M	14858	# both bone Rt. Forearm	ORIF with plating	I	61	12	4
5	Murugan	48	M	44822	Old # radius	ORIF with plating	II	51	9	5
6	Dhasaradhan	22	M	54272	Multiple metacarpal # Lt.	ORIF with K wire	I	51	12	6
7	Thulasi	60	M	57422	Galeazzzi # Lt	ORIF with plating	II	54	9	7
8	Pandi	24	M	63118	Compound # Distal humerus # olecranon	ORIF with plating	I	68	6	8
9	Deepak	19	M	17465	# Distal radius Rt.	Dorsal plating	I	51	12	9
10	Naggammal	40	F	19003	Compound palmar ganglion wrist	Excision biopsy	I	50	9	10
11	Gautam	26	M	22393	# Both bone Lt. Forearm	TENS nailing radius & ulna plating	I	67	9	11
12	Pitchaimani	37	F	24368	Lt F3 Extensor tendon injury	Tendon repair	I	50	6	12
13	Mokkathai	60	F	26863	# Rt Shaft of Humerus	ORIF with plating	II	56	15	13
14	Jeya	35	F	27918	# Lt.shaft of humerus	ORIF with plating	II	68	9	14
15	vignesh	24	M	26403	Old# both bone forearm Implant insitu	Implant exit	I	72	18	15
16	Jomesh	26	M	28851	# PPx F3 compound Rt	shortening closure	I	58	9	16
17	Mahendran	42	M	31028	Gr I distal radius #	ORIF with Exfix	II	70	9	17
18	Sathish kumar	30	M	31286	# PPx RT F4 F5	ORIF with K wiring	I	54	9	18
19	Masilamani	22	M	32913	# both bone Rt. Forearm	ORIF with tense nailing	I	62	15	19
20	Raman	51	M	34973	# Rt. Olecranon	ORIF with TBW	II	60	12	20
21	Surya	21	M	34711	compound Gr 2 # RT olecranon	ORIF with TBW	I	55	12	21
22	Balakrishnan	50	M	35087	# both bone Lt. Forearm	ORIF with plating	II	59	9	22
23	Ayyavu	59	M	37709	Rt ulna # Implant Insitu	K wire Removal	II	59	9	23
24	Ramayee	60	F	34354	Compound palmar ganglion wrist	Excision biopsy	I	50	9	24
25	Suresh	35	M	37876	Multiple metacarpal # Lt.	ORIF with K wire	I	51	12	25
26	Veerapandy	48	M	36548	# PPx F3 compound Rt	shortening closure	I	58	9	26
27	Kumar	22	M	33226	compound Gr 2 # RT olecranon	ORIF with TBW	I	55	12	27
28	Yogammal	37	F	37654	# Lt.shaft of humerus	ORIF with plating	II	68	9	28
29	Shanthi	26	F	39098	# Distal humerus Rt.	ORIF with K wire	II	57	12	29
30	Vinoth	42	M	38765	Gr I distal radius #	ORIF with plating	II	70	9	30

TIME POSTOP(hrs)
VAS SCORE FOR FIRST 12 HOURS

ONSET OF MOTOR BLOCKADE(min)	DURATION OF SENSORY BLOCKADE(mi n)	DURATION OF MOTOR BLOCKADE(mi n)	1	2	3	4	5	6	7	8	9	10	11	12	1ST RESCUE ANALGESIC POSTOP(Mins)	NO. OF RESCUE INJECTIONS IN 24 HRS	SIDE EFFECTS
18	300	240	0	0	1	1	2	3	2	2	1	2	4	3	325	2	Nil
15	480	420	0	0	0	1	1	1	2	2	4	2	2	4	536	2	Nil
18	480	360	0	0	0	1	1	2	2	2	4	2	5	3	540	2	Nil
9	600	540	0	0	1	1	1	2	2	2	2	4	2	5	650	2	Nil
12	480	420	0	0	0	1	1	1	2	2	4	3	2	1	515	1	Nil
15	420	300	0	0	0	0	1	2	2	4	2	2	1	1	450	1	Nil
18	360	300	0	0	0	1	1	2	4	2	2	1	1	2	395	1	Nil
9	300	240	0	0	1	2	2	5	3	2	2	6	3	2	310	2	Nil
15	480	420	0	0	0	1	1	2	2	2	4	2	5	3	490	2	Nil
12	540	420	0	0	0	1	1	1	2	2	2	3	2	1	555	1	Nil
12	420	360	0	0	0	1	1	2	2	5	3	2	4	2	435	2	Nil
9	540	480	0	0	0	0	1	1	2	2	2	4	2	2	560	1	Nil
18	300	240	0	0	1	2	2	4	1	1	2	4	6	4	330	2	Nil
15	360	240	0	0	1	2	2	2	4	3	2	1	4	2	395	2	Nil
24	480	420	0	1	1	2	2	2	2	2	4	3	2	5	515	2	Nil
12	420	300	0	0	1	2	2	2	2	4	2	2	1	1	445	1	Nil
15	420	300	0	0	0	0	1	1	2	3	2	1	4	5	455	2	Nil
15	540	420	0	0	0	0	0	0	1	1	2	4	3	1	575	1	Nil
18	420	360	0	0	0	1	1	1	2	4	3	2	5	3	450	2	Nil
18	480	360	0	0	1	1	1	2	2	2	4	3	2	5	515	2	Nil
18	420	360	0	0	0	1	1	1	2	5	3	2	1	3	460	2	Nil
15	480	360	0	0	1	1	2	2	2	2	4	3	2	5	525	2	Nil
12	480	360	0	0	0	1	1	2	2	2	4	2	2	5	515	2	Nil
12	540	420	0	0	0	1	1	1	2	2	2	3	2	1	555	1	Nil
15	420	300	0	0	0	0	1	2	2	4	2	2	1	1	450	1	Nil
12	420	300	0	0	1	2	2	2	2	4	2	2	1	1	445	1	Nil
18	420	360	0	0	0	1	1	1	2	5	3	2	1	3	460	2	Nil
15	360	240	0	0	1	2	2	2	4	3	2	1	4	2	395	2	Nil
15	480	420	0	0	0	1	1	1	2	2	4	2	2	4	536	2	Nil
15	420	300	0	0	0	0	1	1	2	3	2	1	4	5	455	2	Nil

GROUP II

S. NO	NAME	AGE	SEX	IP.NO	DIAGNOSIS	PROCEDURE	ASA RISK	WEIGHT (kg)	ONSET OF SENSORY BLOCKADE (min)
1	Malathi	28	F	11707	# Both bone Lt. forearm	ORIF with plating	I	66	12
2	Guruprasad	18	M	15775	# Distal radius Rt.	ORIF with K wiring	I	53	9
3	Balamurugan	45	M	14855	# Both bone Rt. Forearm	ORIF with plating	II	66	12
4	Pappammal	60	F	18238	# Lt.shaft of humerus	ORIF with plating	II	52	15
5	Sendrayaperumal	33	M	44931	Extensor tendon injury Rt.index finger	Tendon repair	I	62	15
6	Murugan	30	M	52739	# Rt.PPx.of F3,4,5	K wiring	I	54	15
7	Anandhan	25	M	62691	# Olecranon Rt.elbow	ORIF with TBW	I	70	6
8	Chandrasekar	40	M	1618	# Both bone Rt.forearm	ORIF with ADCP	II	62	12
9	Aandi	47	M	15325	#Distal radius & ulna	External fixator	II	55	15
10	Ranganathan	51	M	17742	Old # both bone Rt.forearm	Redo surgery ORIF With ADCP	II	60	18
11	Kavya	18	F	26477	Old # RT Shaft of humerus Implant insitu	Implant exit	I	68	24
12	Karthick	26	M	23788	# both bone RT forearm	ORIF with tense nailing & plating	II	79	15
13	Paranthaman	29	M	25434	#Lt F2 PPx	ORIF with K wiring	I	58	15
14	Lavanya	28	F	27382	# Rt shaft of humerus with Implant insitu	Redo plating	I	78	12
15	Sivakumar	42	M	28310	PPx F5	ORIF with K wiring	II	56	15
16	Gokuladas	18	M	30046	Pos dislocation of Lt elbow	ORIF with K wiring	I	52	9
17	Kandhammal	28	F	31457	Giant cell tumour Rt distal radius	Excision of distal radius with grafting	II	53	15
18	Maranadu	51	M	31138	# PPx F2with dislocation of IPJ	ORIF with K wiring	II	50	12
19	Suvitha	26	F	31274	Old RT # shaft of humerus	ORIF with plating	I	60	18
20	Karthick	29	M	33587	osttraumatic sequale osteomyelitis Rt forearm	Wound debridement	I	51	12
21	Saravanan	40	M	33097	# Rt distal shaft of humerus	ORIF with plating	I	66	18
22	Thangaraj	48	M	36161	# Lt.shaft of humerus	ORIF with plating	II	55	9
23	Suganya	26	F	36850	Extensor tendon injury Rt F3	Tendon repair	I	45	12
24	Chandrika	30	F	37652	# Lt.shaft of humerus	ORIF with plating	II	52	15
25	Rangaraj	25	M	39654	# Both bone Rt.forearm	ORIF with ADCP	II	62	12
26	Meenamal	28	F	38730	# Rt shaft of humerus with Implant insitu	Redo plating	I	78	12
27	Devi	42	F	37692	Giant cell tumour Rt distal radius	Excision of distal radius with grafting	II	53	15
28	Ranjith Singh	28	M	39665	osttraumatic sequale osteomyelitis Rt forearm	Wound debridement	I	51	12
29	David	42	M	38995	PPx F5	ORIF with K wiring	II	56	15
30	Nirmala	18	F	39987	Extensor tendon injury Rt F3	Tendon repair	I	45	12

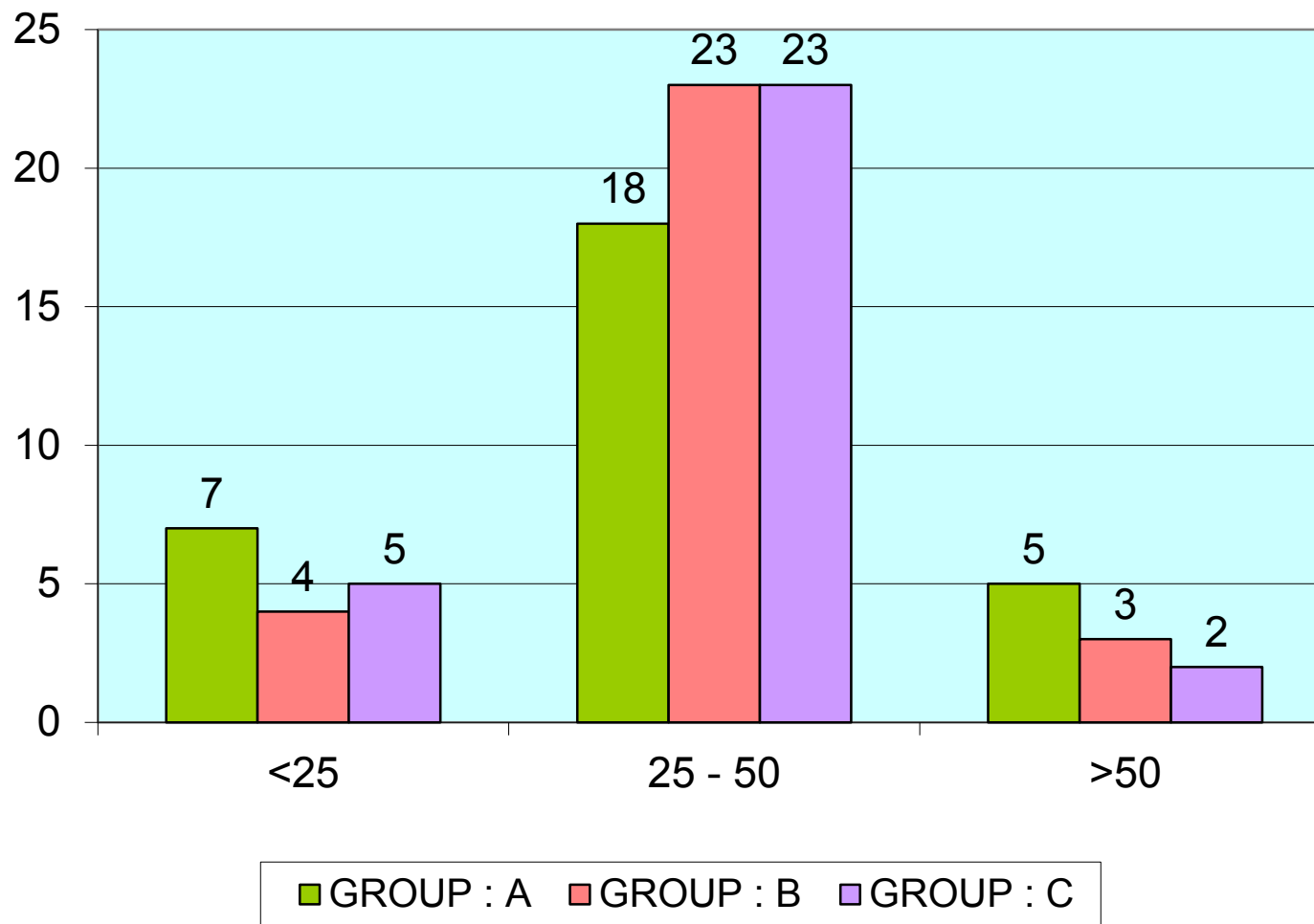
VAS SCORE FOR FIRST 12 HOURS

S. NO	ONSET OF MOTOR BLOCKADE (min)	DURATION OF SENSORY BLOCKADE (min)	DURATION OF MOTOR BLOCKADE (min)	1	2	3	4	5	6	7	8	9	10	11	12	1ST RESCUE ANALGESIC POSTOP (Mins)	NO. OF RESCUE INJECTIONS IN 24 HRS	SIDE EFFECTS
1	18	360	240	0	0	0	1	2	2	4	3	2	2	1	2	375	1	Nil
2	15	540	480	0	0	0	0	1	1	1	2	2	4	2	2	560	1	Nil
3	15	540	480	0	0	0	1	1	2	2	2	2	3	2	5	600	2	Nil
4	18	480	360	0	0	0	1	1	1	2	2	4	2	5	2	540	2	Nil
5	21	600	480	0	0	0	0	0	1	1	1	2	2	3	2	660	1	Nil
6	18	540	480	0	0	0	0	1	1	1	1	2	3	2	1	570	1	Nil
7	9	540	480	0	0	0	1	1	1	2	2	2	3	2	5	575	2	Nil
8	18	600	480	0	0	1	1	1	1	2	2	2	2	3	2	620	1	Nil
9	18	660	600	0	0	0	0	0	1	1	1	2	2	2	4	675	1	Nil
10	21	600	480	0	0	0	0	1	1	1	2	2	2	4	2	610	1	Nil
11	27	540	420	0	0	0	1	1	2	2	2	2	3	2	4	563	2	Nausea
12	18	600	480	0	0	0	0	1	1	2	2	2	2	5	3	620	1	Nil
13	18	660	600	0	0	0	0	0	1	1	1	2	2	2	4	680	1	Nil
14	18	540	420	0	0	0	0	1	1	2	2	2	4	2	4	560	2	Nil
15	21	600	540	0	0	0	0	0	1	1	2	2	2	4	3	615	1	Nil
16	12	660	540	0	0	0	0	1	1	1	2	2	2	2	4	675	1	Nil
17	21	540	420	0	0	0	1	1	1	2	2	2	4	2	5	642	2	Nil
18	15	660	600	0	0	0	0	0	0	1	1	1	2	2	4	685	1	Nil
19	24	540	420	0	0	0	1	1	1	2	2	2	4	3	5	576	2	Nil
20	18	600	540	0	0	0	0	1	1	2	2	2	2	3	2	635	1	Nil
21	21	480	360	0	0	0	1	1	1	2	2	4	3	2	2	505	1	Nil
22	15	540	360	0	0	0	1	1	1	2	2	2	3	2	1	558	1	Nil
23	15	600	480	0	0	0	0	1	1	2	2	2	2	3	2	635	1	Nil
24	18	480	360	0	0	0	1	1	1	2	2	4	2	5	2	540	2	Nil
25	18	600	480	0	0	1	1	1	1	2	2	2	2	3	2	620	1	Nil
26	18	540	420	0	0	0	0	1	1	2	2	2	4	2	4	560	2	Nil
27	21	540	420	0	0	0	1	1	1	2	2	2	4	2	5	642	2	Nil
28	18	600	540	0	0	0	0	1	1	2	2	2	2	3	2	635	1	Nil
29	21	600	540	0	0	0	0	0	1	1	2	2	2	4	3	615	1	Nil
30	15	600	480	0	0	0	0	1	1	2	2	2	2	3	2	635	1	Nil

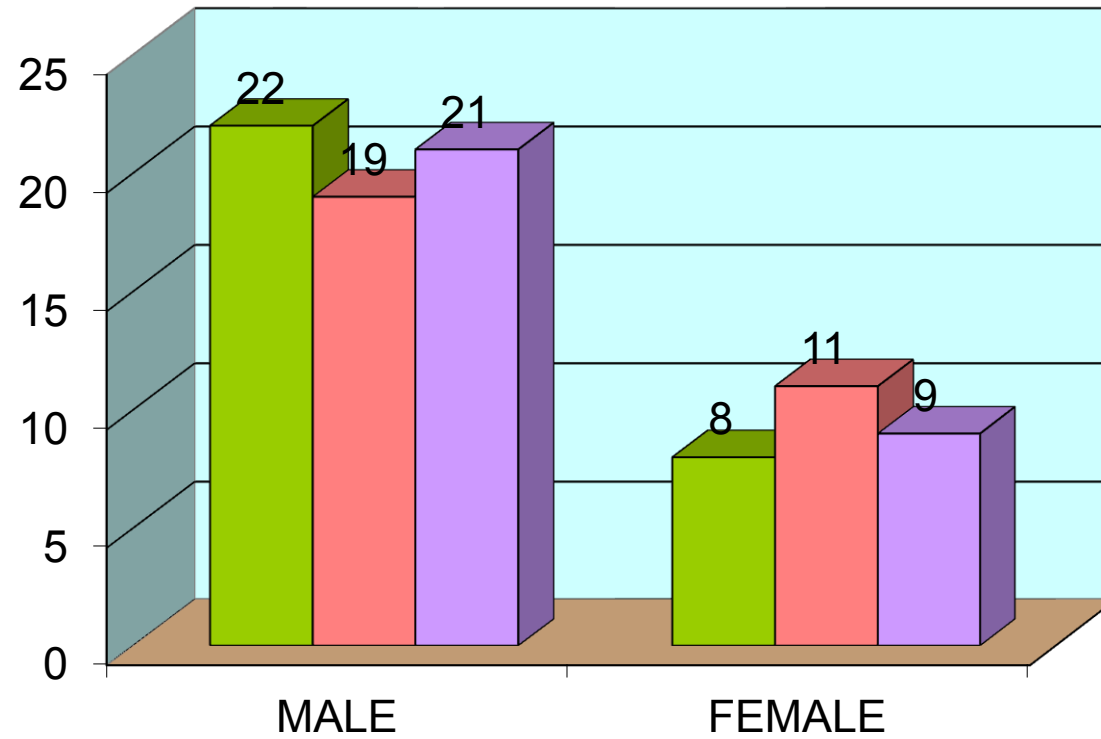
S. NO	NAME	AGE	SEX	IP.NO	DIAGNOSIS	PROCEDURE	ASA RISK	WEIGHT (kg)	S. NO
1	Arivazhaghan	32	M	13312	#Lt,olecranon	ORIF with TBW	I	60	1
2	selvam	27	M	16300	# Lt.shaft of humerus	ORIF with plating	I	50	2
3	Pandiyammal	46	F	13646	# Shaft of humerus	ORIF with plating	I	51	3
4	Nagaraj	55	M	19635	# Shaft of humerus	ORIF with plating	II	58	4
5	Biju	20	M	45090	# Shaft of humerus lower 1/3	ORIF with plating	I	62	5
6	Muthukanu	43	M	47733	# Shaft of humerus Rt.middle 1/3	ORIF with plating	I	63	6
7	Thangapandi	25	M	53802	#forearm implant in situ # & SOH lower 1/3	ORIF implant exchange & plating	I	56	7
8	Nallaraj	36	M	51637	# shaft of humerus Lt	ORIF with plating	I	50	8
9	Venkatesan	27	M	61921	Rt elbow dislocation post traumatic stiffness	Interposition arthroplasty	II	70	9
10	Priya	26	F	238	Old distal humerus # RT. With implant insitu	Implant exit	II	80	10
11	Shobana	22	F	14449	# shaft of humerus lt.	ORIF with plating	I	50	11
12	Rajapandian	32	M	23402	Malunion Lt BB Forearm	ORIF with plating	I	62	12
13	Rajalakshmi	30	F	27179	# Shaft of Humerus	ORIF with plating	II	70	13
14	Murugavel	21	M	25561	# Shaft of Humerus Rt	ORIF with plating	I	64	14
15	Kalimuthu	47	M	27978	# Shaft of Humerus	ORIF with plating	I	68	15
16	ChendrayaPerumal	28	M	28356	# Rt Shaft of Humerus	ORIF with plating	I	58	16
17	Padmapriya	36	F	29502	# Rt BB Forearm	ORIF with plating and TENS Nailing	I	60	17
18	Jegadeesan	60	M	32235	# BB Lt Forearm	ORIF with plating	ii	52	18
19	Neethirajan	37	M	33291	# Rt Shaft of Humerus simple	ORIF with plating	II	62	19
20	Joseph Jennifer	29	F	34713	Lt compound Gr II Distal Humerus #	ORIF with K Wiring	I	52	20
21	Eswaran	36	M	34188	Old Monteggia #	ORIF with plating for Ulna & Radial head excision	I	58	21
22	Dinesh	28	M	35238	# BB Rt Forearm	ORIF with plating	II	68	22
23	Rama Nalini	20	F	39675	# shaft of humerus lt.	ORIF with plating	I	50	23
24	Chellathai	43	F	37630	# Shaft of humerus	ORIF with plating	I	51	24
25	Natarajan	36	M	38752	# Rt Shaft of Humerus	ORIF with plating	I	58	25
26	Selvakumar	27	M	39937	# Rt Shaft of Humerus simple	ORIF with plating	II	62	26
27	Jeganathan	28	M	39609	Old Monteggia #	ORIF with plating for Ulna & Radial head excision	I	58	27
28	Sundaravalli	36	F	39134	# shaft of humerus lt.	ORIF with plating	I	50	28
29	Kathirvel	30	M	38964	# shaft of humerus Lt	ORIF with plating	I	50	29
30	Mani	21	M	39546	# shaft of humerus Lt	ORIF with plating	I	50	30

ONSET OF SENSORY BLOCKADE (min)	ONSET OF MOTOR BLOCKADE (min)	DURATION OF SENSORY BLOCKADE (min)	DURATION OF MOTOR BLOCKADE (min)	VAS SCORE FOR FIRST 12 HOURS												1ST RESCUE ANALGESIC POSTOP (Mins)	NO. OF RESCUE INJECTIONS IN 24 HRS	SIDE EFFECTS
				1	2	3	4	5	6	7	8	9	10	11	12			
15	21	660	600	0	0	0	0	0	1	1	1	2	2	2	3	682	1	Nil
18	21	240	180	0	1	1	2	4	2	2	5	4	2	2	1	280	2	Nil
18	21	600	540	0	0	0	1	1	1	1	2	2	3	2	4	630	2	Nil
18	27	660	540	0	0	0	0	1	1	1	2	2	2	2	4	678	2	Nil
9	15	720	600	0	0	0	0	0	1	1	1	1	2	2	4	733	1	Nil
15	18	600	480	0	0	0	1	1	1	2	2	2	4	2	2	630	2	Nil
18	21	540	420	0	0	0	1	1	1	2	2	2	4	2	3	555	2	Nil
9	12	600	540	0	0	0	0	0	1	1	2	2	2	4	2	608	1	Nil
12	15	660	540	0	0	0	0	0	1	1	1	2	2	3	2	692	1	Nil
12	18	540	420	0	0	0	1	1	1	2	2	2	4	2	2	570	1	Nil
21	27	660	540	0	0	0	0	1	1	2	2	2	2	4	2	665	1	Nil
18	21	600	480	0	0	0	1	1	1	2	2	2	2	4	3	620	1	Nil
15	21	540	480	0	0	0	1	1	1	2	2	2	4	2	1	572	2	Nil
18	24	600	480	0	0	0	1	1	1	2	2	2	2	5	3	628	1	Nil
12	15	540	420	0	0	0	1	1	1	2	2	2	3	2	5	555	2	Vomitting
18	24	600	540	0	0	0	0	1	1	1	2	2	2	4	3	615	1	Nil
9	12	660	540	0	0	0	0	1	1	1	2	2	2	2	4	690	1	Nil
9	18	660	540	0	0	0	0	0	1	1	2	2	2	2	4	685	1	Nil
12	15	540	420	0	0	0	0	1	1	2	2	2	4	3	2	562	1	Nil
18	21	480	360	0	0	0	1	1	1	2	2	5	3	2	4	505	2	Nil
15	18	600	540	0	0	0	0	0	1	1	1	2	2	4	2	632	1	Nil
15	21	600	480	0	0	0	0	0	1	1	2	2	2	4	2	623	1	Nil
21	27	660	540	0	0	0	0	1	1	2	2	2	2	4	2	665	1	Nil
18	21	600	540	0	0	0	1	1	1	1	2	2	3	2	4	630	2	Nil
18	24	600	540	0	0	0	0	1	1	1	2	2	2	4	3	615	1	Nil
12	15	540	420	0	0	0	0	1	1	2	2	2	4	3	2	562	1	Nil
15	18	600	540	0	0	0	0	0	1	1	1	2	2	4	2	632	1	Nil
21	27	660	540	0	0	0	0	1	1	2	2	2	2	4	2	665	1	Nil
9	12	600	540	0	0	0	0	0	1	1	2	2	2	4	2	608	1	Nil
9	12	600	540	0	0	0	0	0	1	1	2	2	2	4	2	608	1	Nil

AGE DISTRIBUTION AMONG THREE GROUPS

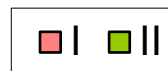
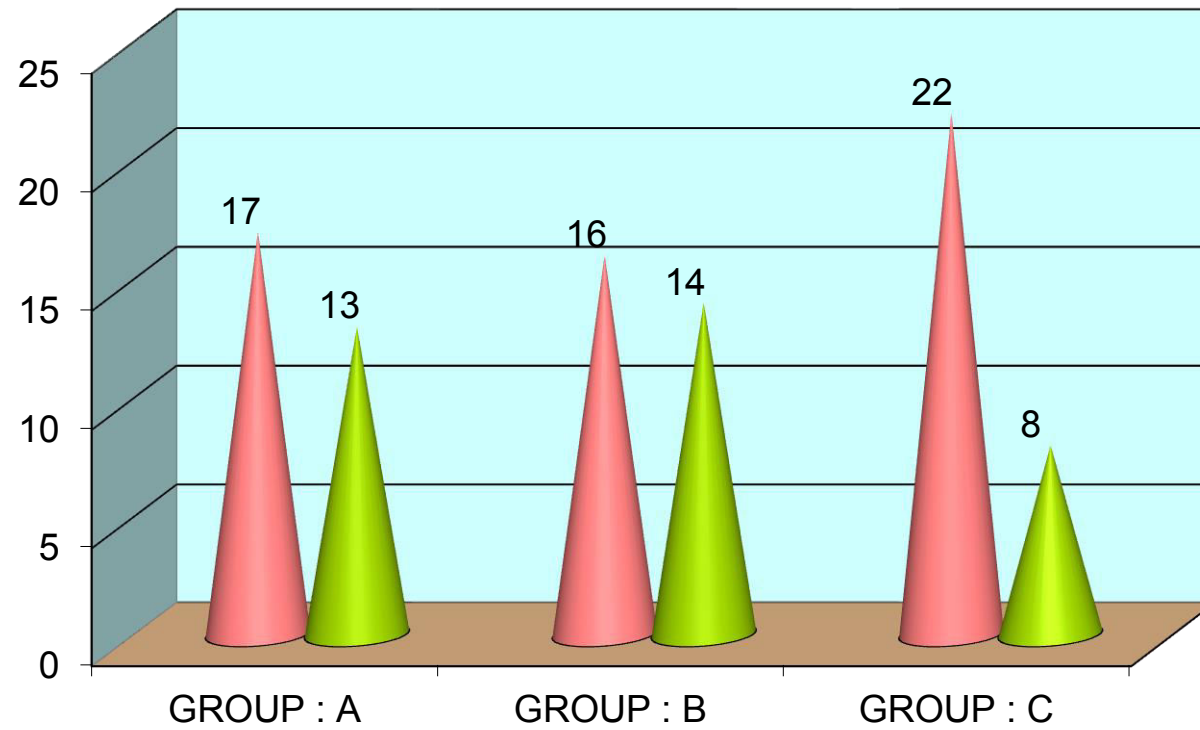


SEX DISTRIBUTION AMONG THREE GROUPS

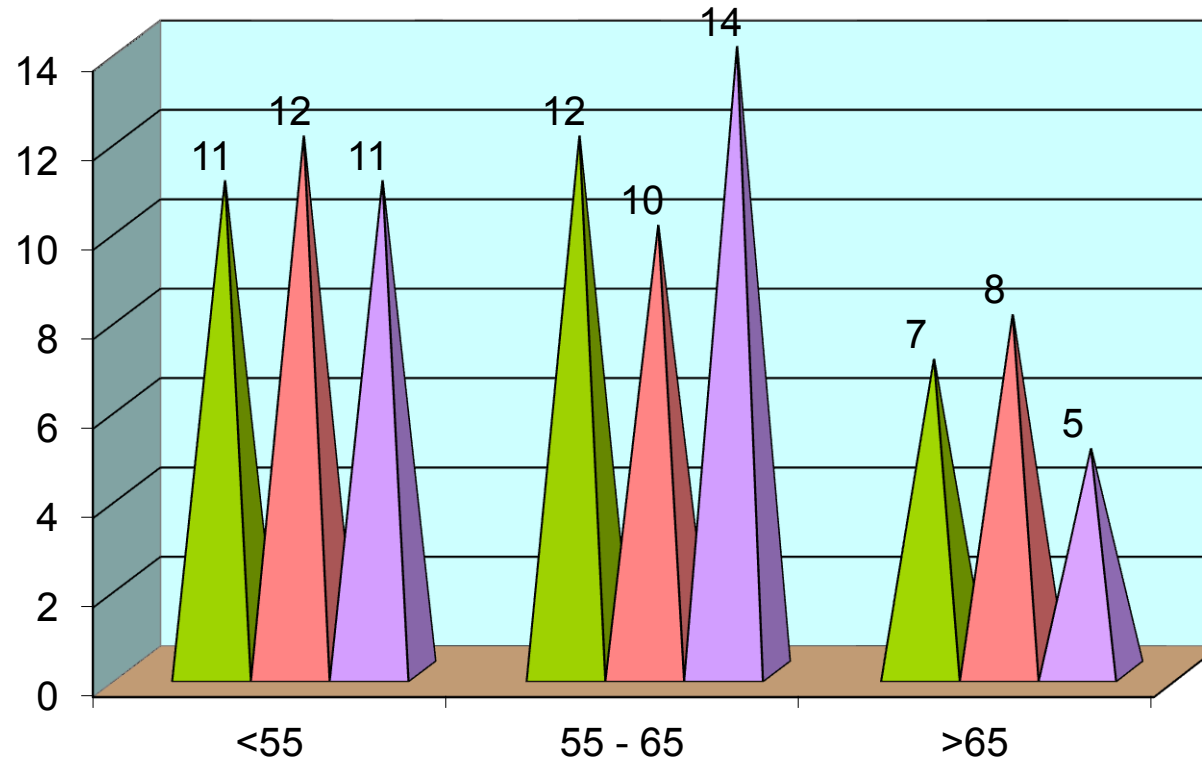


■ GROUP : A ■ GROUP : B ■ GROUP : C

ASA RISK

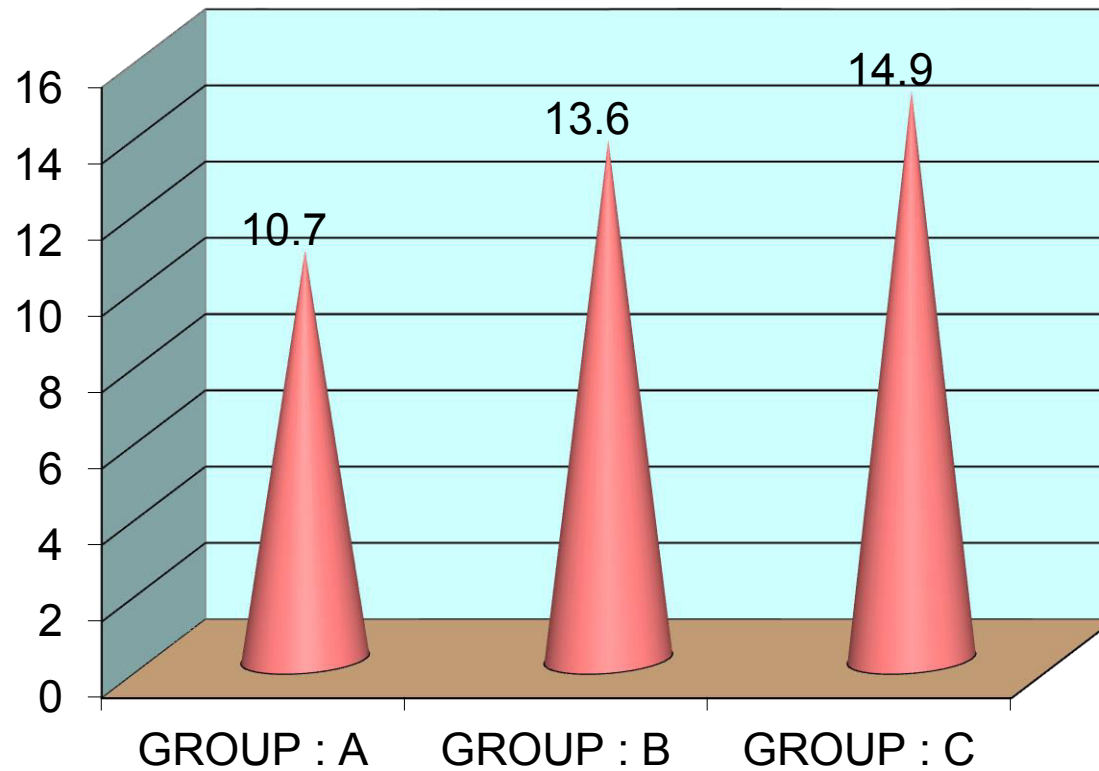


WEIGHT COMPARISON



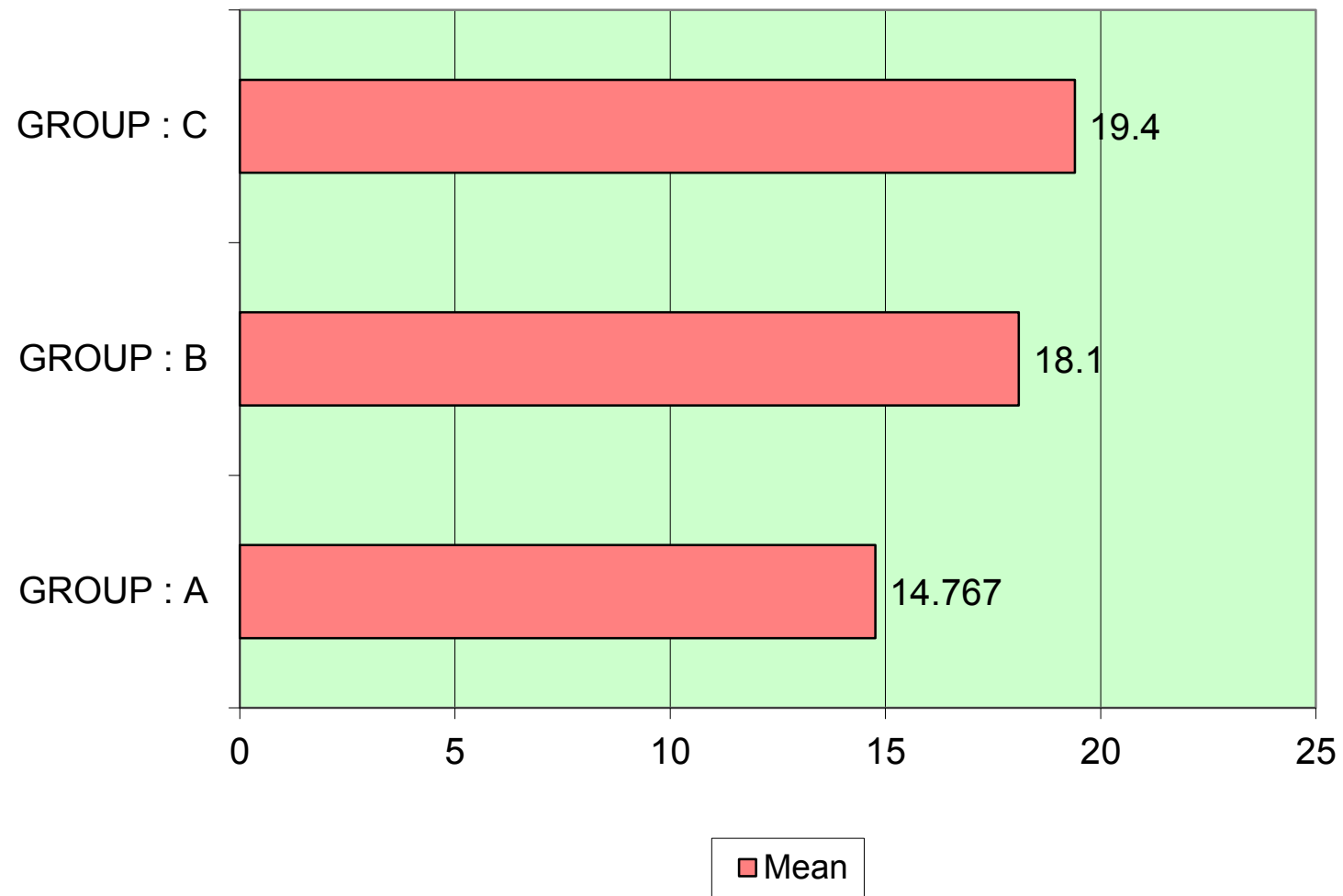
GROUP : A GROUP : B GROUP : C

ONSET OF SENSORY BLOCKADE (min)

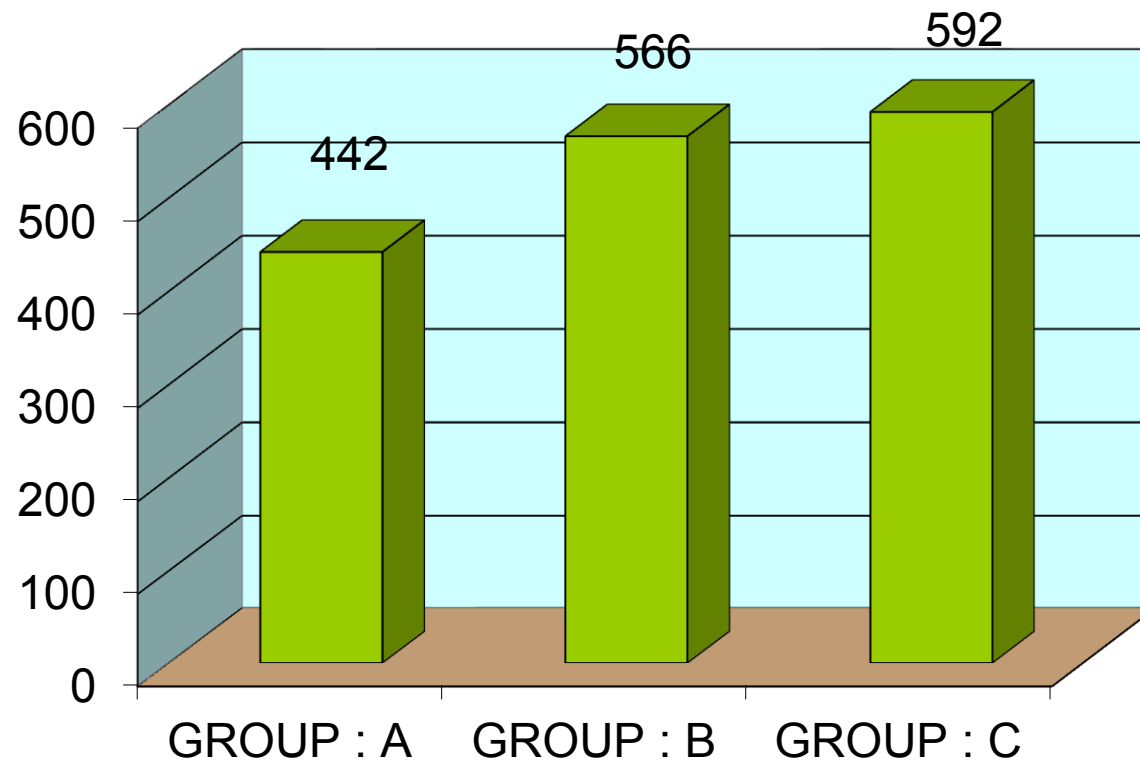


Mean

ONSET OF MOTOR BLOCKADE

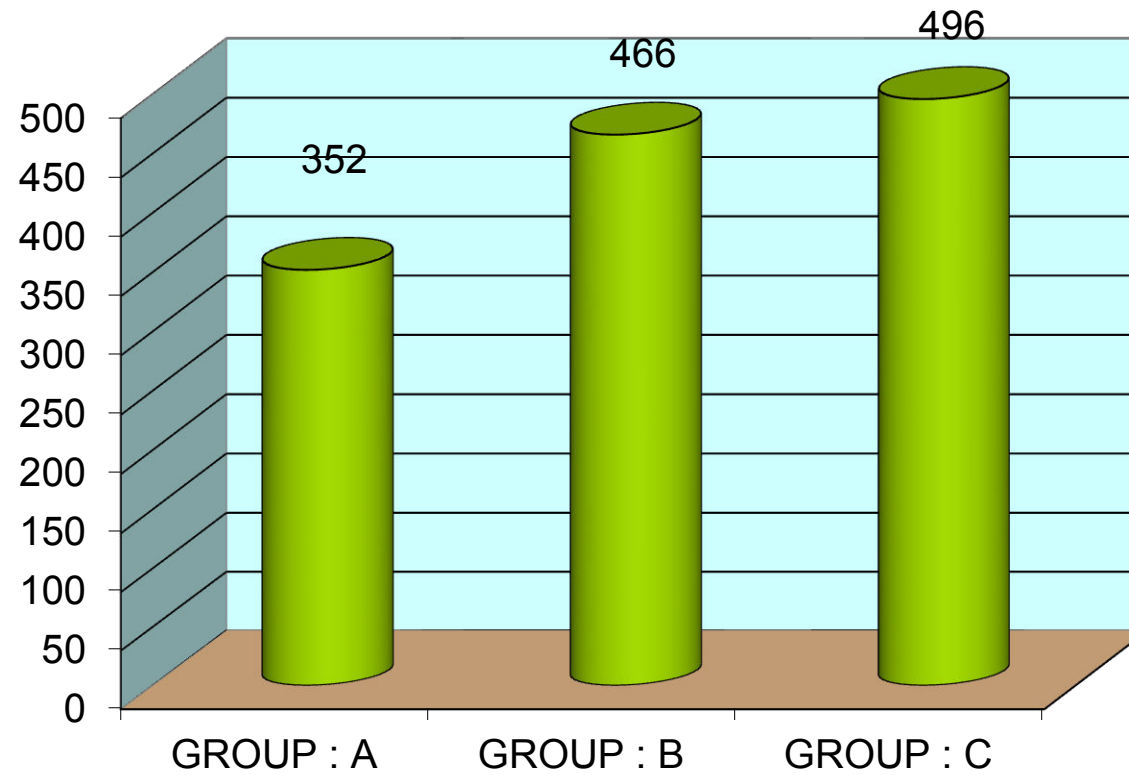


DURATION OF SENSORY BLOCKADE



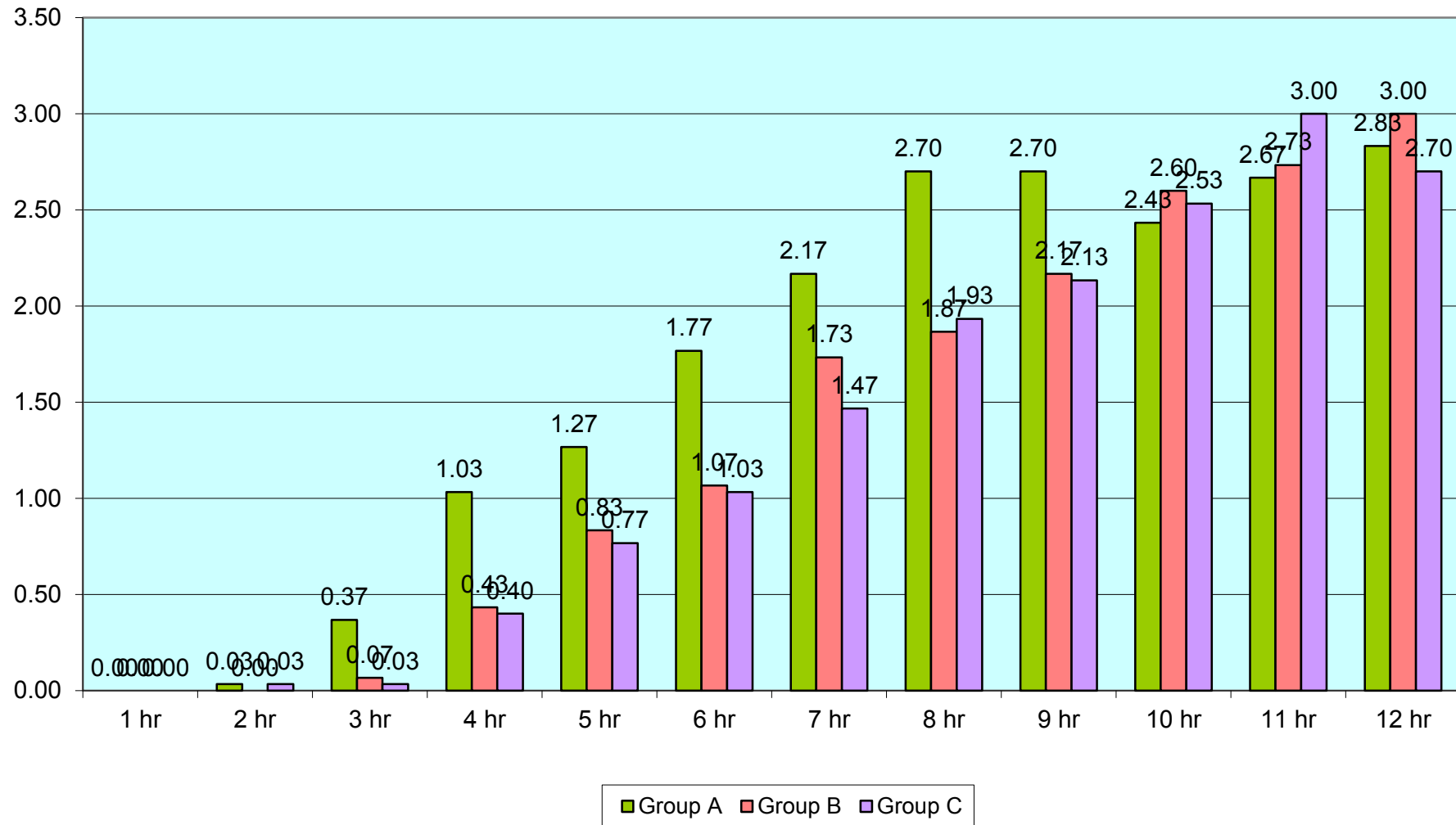
■ Mean

DURATION OF MOTOR BLOCKADE (min)

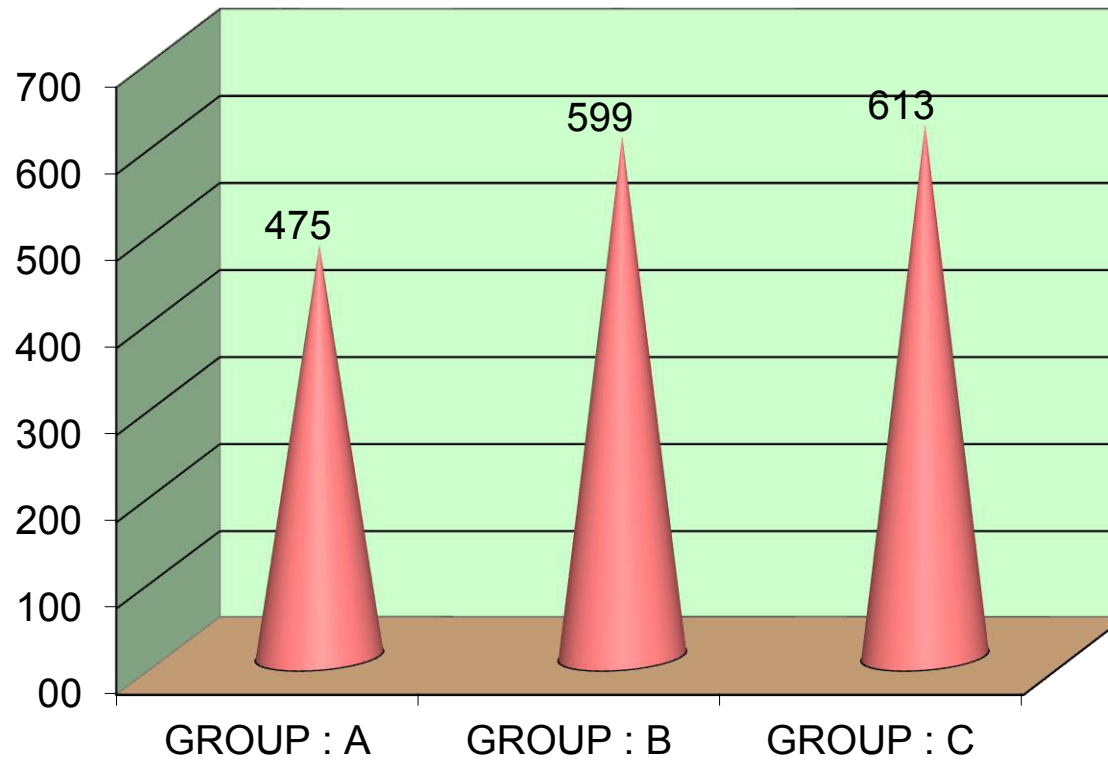


■ Mean

VAS SCORE

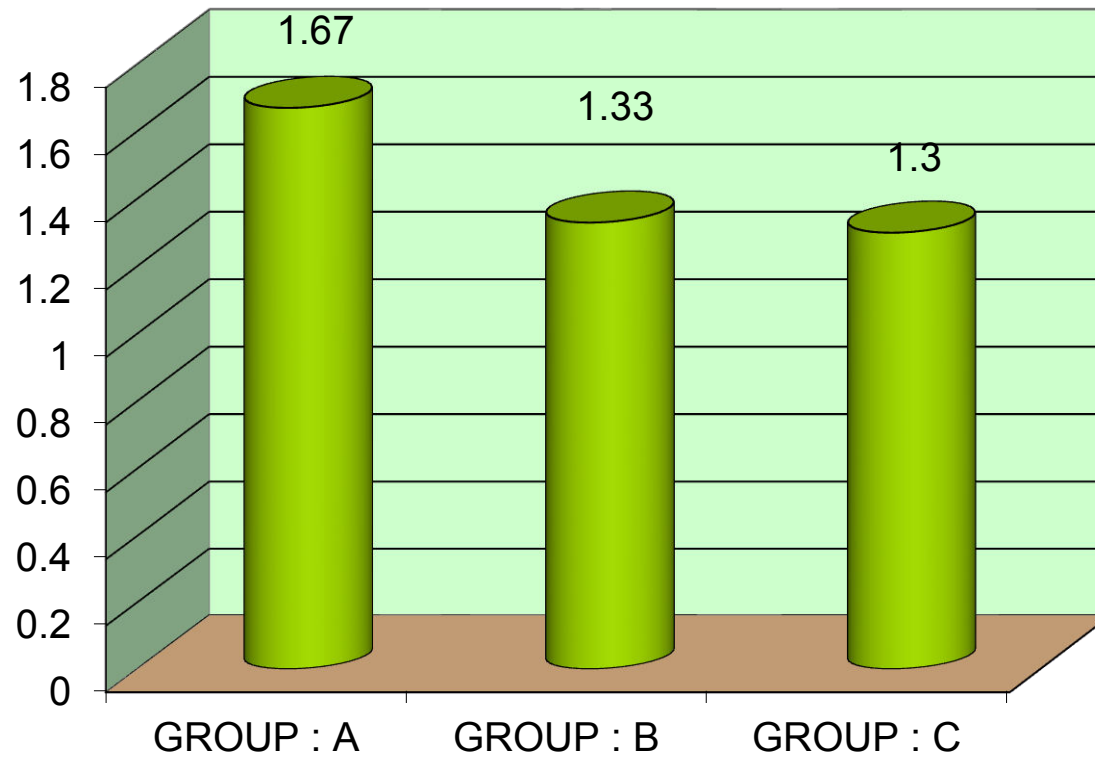


FIRST RESCUE ANALGESIC POST OP (mins)



Mean

MEAN RESCUE INJECTION IN 24 HOURS



■ Mean

ONSET OF SENSORY BLOCKADE(min)	GROUP : A	GROUP : B
<10	16	4
10 - 15	10	11
>15	4	15
TOTAL	30	30
Mean	10.7	13.6
SD	2.693	3.41
P'	<0.001 Significant	

ONSET OF SENSORY BLOCKADE(min)	GROUP : A	GROUP : C
<10	16	6
10 - 15	10	11
>15	4	13
TOTAL	30	30
Mean	10.7	14.9
SD	2.693	3.977
P'	<0.001 Significant	

ONSET OF SENSORY BLOCKADE(min)	GROUP : B	GROUP : C
<10	4	6
10 - 15	11	11
>15	15	13
TOTAL	30	30
Mean	13.6	14.9
SD	3.41	3.977
P'	0.242 Not Significant	

ONSET OF MOTOR BLOCKADE(min)	GROUP : A	GROUP : B
<10	3	1
10 - 15	18	7
>15	9	22
TOTAL	30	30
Mean	14.767	18.1
SD	3.401	3.478
P'	<0.001 Significant	

ONSET OF MOTOR BLOCKADE(min)	GROUP : A	GROUP : C
<10	3	0
10 - 15	18	9
>15	9	21
TOTAL	30	30
Mean	14.767	19.4
SD	3.401	4.709
P'	<0.001 Significant	

ONSET OF MOTOR BLOCKADE(min)	GROUP : B	GROUP : C
<10	1	0
10 - 15	7	9
>15	22	21
TOTAL	30	30
Mean	18.1	19.4
SD	3.478	4.709
P'	0.252 Not significant	

DURATION OF SENSORY BLOCKADE(min)	GROUP : A	GROUP : B
<400	6	1
400 - 500	19	3
>500	5	26
TOTAL	30	30
Mean	442.00	566.00
SD	74.713	64.359
P'	<0.001 Significant	

DURATION OF SENSORY BLOCKADE(min)	GROUP : A	GROUP : C
<400	6	1
400 - 500	19	1
>500	5	28
TOTAL	30	30
Mean	442.00	592.00
SD	74.713	84.462
P'	<0.001 Significant	

DURATION OF SENSORY BLOCKADE(min)	GROUP : B	GROUP : C
<400	1	1
400 - 500	3	1
>500	26	28
TOTAL	30	30
Mean	566.00	592.00
SD	64.359	84.462
P'	0.185 Not significant	

DURATION OF MOTOR BLOCKADE(min)	GROUP : A	GROUP : B
<300	5	1
300 - 500	24	21
>500	1	8
TOTAL	30	30
Mean	352.00	466.00
SD	76.762	81.393
P'	<0.001 Significant	

DURATION OF MOTOR BLOCKADE(min)	GROUP : A	GROUP : C
<300	5	1
300 - 500	24	11
>500	1	18
TOTAL	30	30
Mean	352.00	496.00
SD	76.762	83.278
P'	<0.001 Significant	

DURATION OF MOTOR BLOCKADE(min)	GROUP : B	GROUP : C
<300	1	1
300 - 500	21	11
>500	8	18
TOTAL	30	30
Mean	466.00	496.00
SD	81.393	83.278
P'	0.164 Not significant	

AGE	GROUP : A	GROUP : B	GROUP : C
<25	7	4	5
25 - 50	18	23	23
>50	5	3	2
TOTAL	30	30	30
Mean	37.2	33.3	32.8
SD	13.553	11.189	10.029
P'	0.284 Not significant		

Sex	GROUP : A	GROUP : B	GROUP : C
MALE	22	19	21
FEMALE	8	11	9
TOTAL	30	30	30
P'	0.696 Not Significant		

PROCEDURE	GROUP : A	GROUP : B	GROUP : C
Dorsal plating	1	0	0
Excision biopsy	2	0	0
Excision of distal radius with grafting	0	2	0
External fixator	0	1	0
Implant exit	2	1	1
Interposition arthroplasty	0	0	1
K wiring	0	1	0
ORIF with ADCP	0	2	0
K wire Removal	1	0	0
ORIF implant exchange & plating	0	0	1
ORIF with plating for Ulna & Radial head excision	0	0	0

ORIF with Exfix	2	0	0
ORIF with K wire	6	6	0
ORIF with plating	8	7	24
ORIF with plating for Ulna & Radial head excision	0	0	2
ORIF with TBW	3	1	1
ORIF with tense nailing & plating	0	1	0
ORIF with tense nailing	1	0	0
Redo plating	0	2	0
Redo surgery ORIF With ADCP	0	1	0
shortening closure	2	0	0
Tendon repair	1	3	0
TENS nailing radius & ulna plating	1	0	0
Wound debridement	0	2	0
TOTAL	30	30	30

ASA RISK	GROUP : A	GROUP : B	GROUP : C
I	17	16	22
II	13	14	8
TOTAL	30	30	30
P'	0.235 Not significant		

WEIGHT(kg)	GROUP : A	GROUP : B	GROUP : C
<55	11	12	11
55 - 65	12	10	14
>65	7	8	5
TOTAL	30	30	30
Mean	58.067	58.933	58.433
SD	7.114	9.157	7.704
P'	0.916 Not significant		

ONSET OF SENSORY BLOCKADE(min)	GROUP : A	GROUP : B	GROUP : C
<10	16	4	6
10 - 15	10	11	11
>15	4	15	13
TOTAL	30	30	30
Mean	10.7	13.6	14.9
SD	2.693	3.41	3.977
p'	<0.001 Significant		

ONSET OF SENSORY
Mean

A vs B

A vs C

B vs C

ONSET OF MOTOR BLOCKADE(min)	GROUP : A	GROUP : B	GROUP : C
<10	3	1	0
10 - 15	18	7	9
>15	9	22	21
TOTAL	30	30	30
Mean	14.767	18.1	19.4
SD	3.401	3.478	4.709
p'	<0.001 Significant		

ONSET OF MOTOR
Mean

DURATION OF SENSORY BLOCKADE(min)	GROUP : A	GROUP : B	GROUP : C
<400	6	1	1
400 - 500	19	3	1
>500	5	26	28
TOTAL	30	30	30
Mean	442.00	566.00	592.00
SD	74.713	64.359	84.462
p'	<0.001 Significant		

DURATION OF SENSORY
Mean

DURATION OF MOTOR BLOCKADE(min)	GROUP : A	GROUP : B	GROUP : C
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MOTOR BLOCKADE(min)

<300	5	1	1
300 - 500	24	21	11
>500	1	8	18
TOTAL	30	30	30
Mean	352.00	466.00	496.00
SD	76.762	81.393	83.278
P'	<0.001 Significant		

Mean

VAS SCORE FOR FIRST 12 HOURS	Mean	SD	Mean	SD	Mean
1 hr	0.00	0.00	0.00	0.00	0.00
2 hr	0.03	0.18	0.00	0.00	0.03
3 hr	0.37	0.49	0.31	0.25	0.34
4 hr	1.03	0.67	0.94	0.50	0.98
5 hr	1.27	0.52	1.16	0.46	1.10
6 hr	1.77	0.97	1.60	0.37	1.52
7 hr	2.17	0.70	1.73	0.64	1.47
8 hr	2.70	1.15	1.87	0.43	1.93
9 hr	2.70	0.95	2.17	0.65	2.13
10 hr	2.43	1.14	2.60	0.81	2.53
11 hr	2.67	1.47	2.73	1.05	3.00
12 hr	2.83	1.53	3.00	1.29	2.70

1ST RESCUE ANALGESIC POSTOP(Mins)	GROUP : A	GROUP : B	GROUP : C
Mean	474.6	599.4	613.2
SD	78.3	63.1	80.7
P'	<0.001 Significant		

Gr. A vs Gr B
Gr. A vs Gr C
Gr. B vs Gr c

NO. OF RESCUE INJECTIONS IN 24 HRS	GROUP : A	GROUP : B	GROUP : C
Mean	1.67	1.33	1.3
SD	0.479	0.479	0.466
P'	0.006 Significant		

Gr. A vs Gr B
Gr. A vs Gr C
Gr. B vs Gr c

GROUP : A	GROUP : B	GROUP : C
10.7	13.6	14.9

Sig

Sig

Not Sig

GROUP : A	GROUP : B	GROUP : C
14.767	18.1	19.4

GROUP : A	GROUP : B	GROUP : C
442	566	592

GROUP : A	GROUP : B	GROUP : C
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352	466	496
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SD	P'	
0.00	1.000	Not Sig
0.18	0.608	Not Sig
0.18	0.814	Not Sig
0.56	0.840	Not Sig
0.77	0.696	Not Sig
0.18	0.301	Not Sig
0.51	<0.001	Significant
0.69	<0.001	Significant
0.68	0.008	Significant
0.82	0.004	Significant
1.02	0.524	Not Sig
1.02	0.670	Not Sig

VAS SCORE	Group A	Group B	Group C
1 hr	0.00	0.00	0.00
2 hr	0.03	0.00	0.03
3 hr	0.37	0.07	0.03
4 hr	1.03	0.43	0.40
5 hr	1.27	0.83	0.77
6 hr	1.77	1.07	1.03
7 hr	2.17	1.73	1.47
8 hr	2.70	1.87	1.93
9 hr	2.70	2.17	2.13
10 hr	2.43	2.60	2.53
11 hr	2.67	2.73	3.00
12 hr	2.83	3.00	2.70

< 0.001	Significant
< 0.001	Significant
0.464	Not sig

0.008	Significant
0.004	Significant
0.807	Not sig